Parts Management Plan Builder 29 April 2008

US AMC LOGSA

U.S. Army Materiel Command

Agenda

- Overview
- Questions

What is SYSPARS?

A expert system for:

- Preparing program planning documents
- Updating program plans
- Evaluating programs
- Making decisions (Decision Tree)
- Obtaining guidance (Links to AR, REG, i.e.)
- Enforcing Planning Process

Why SYSPARS?

"A Brief History'

1984 GAO Study

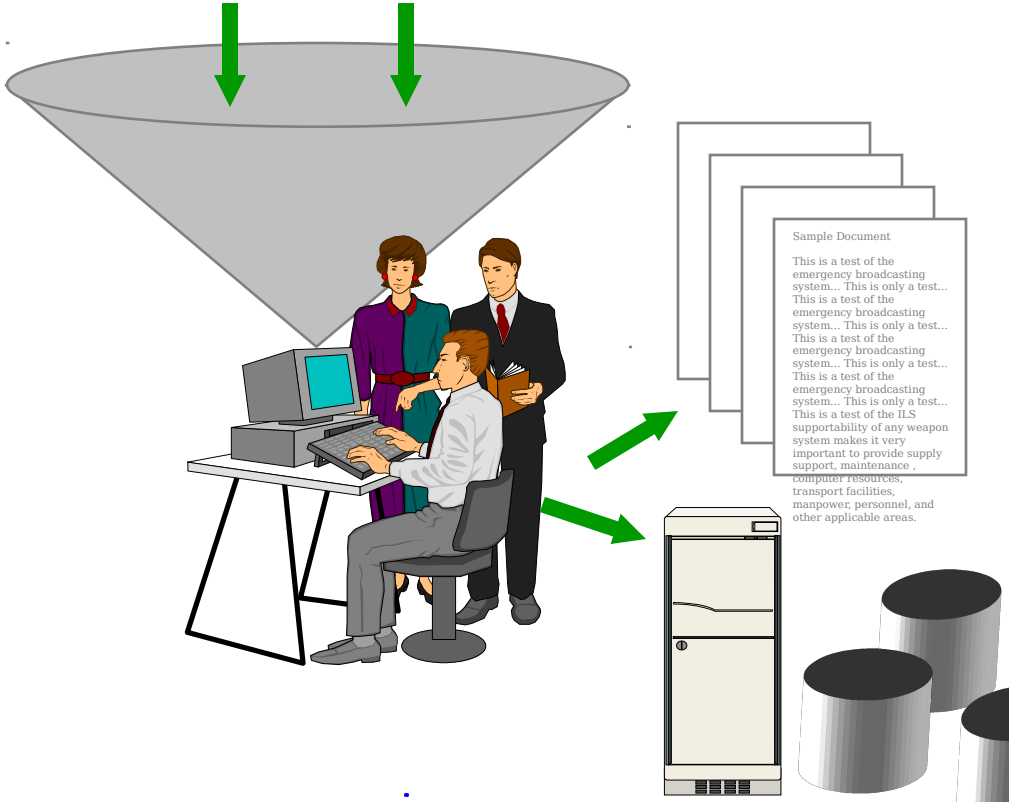
"… [the Army has the best ILS policy, but the worst execution.] …"

Now

- SYSPARS continues to be enhanced to accommodate the latest regulations, policy and procedures that exist in the area of ILS planning.
- DOCSHELL leverages the latest software application technologies. (e.g. Java)

How does it work?

Latest Policy
Training Information
Lessons Learned
Expert Knowledge/Experience


Sample Document
This is a test of the emergency broadcasting system... This is only a test... This is a test of the emergency broadcasting system... This is only a test... This is a test of the emergency broadcasting system... This is only a test... This is a test of the emergency broadcasting system... This is only a test... This is a test of the ILS supportability of any weapon system makes it very important to provide supply support, maintenance , computer resources, transport facilities, manpower, personnel, and other applicable areas.

SYSPARS Integrated Documents

Acquisition Strategy
- **Supportability Strategy**
- **PBL Strategy**
- **Materiel Fielding Plan**
- **Provisioning Plan**
- **Performance Based Agreement**
- **ILS Statement of Work**
- **Transportability Report**
- **Simulation Support Plan (SSP)**
- **Life Cycle Schedule**
- **Warranty Advisor**
- **Diminishing Manufacturing d Material Shortages MSMS) Management Plan**
- **Systems Engineering Plan (SEP)**

Life Cycle

LOGPARS in the Life Cycle

Logistics Supportability Planning

Concept Refinement (A)	Technology Development (B)	System Development & Demonstration (C)	Production & Deployment	Operations & Support
Ensure Supportability Considerations	*ILS Planning/ Analyzing Alternatives*	*Logistics System Development*	*Evaluate Post Production Support*	*Metrics Tracking – Recapitalization*
LOGPARS Provides: • *Acquisition Strategy (AS)* • *Supportability Strategy (SS)* • *Performance Based Logistics Strategy*	LOGPARS Provides: • *Life Cycle Schedule* • *Provisioning Plan*	LOGPARS Provides: • *AS Update* • *Performance Based Agreement* • *Materiel Fielding Plan (MFP)* • *Provisioning Plan Update*	LOGPARS Provides: • *MFP Update* • *AS Update* • *PBA Update* • *Provisioning Plan Update*	LOGPARS Provides: • *DMSMS Plan* • *SS Update* • *PBA Update* • *Provisioning Plan Update*

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When to use SYSPARS

When to use LOGPARS

- In a perfect world
  - Requirements
  - Planning
  - Development
  - Update Plans

- Reality
  - Wherever you are in your program
  - As soon as possible

Features

- **Alternative document authoring process**
  - **Provides a “ground-up” approach to authoring planning documents as opposed to a “Copy-Paste” approach.**
- **Simple navigation based on document outline**
- **Flexible interview-style question types**
- **Supports multi-user/team efforts**
- **Automatic data sharing**
- **Continuous consistency checks**
- **Reviewer commenting capability**
- **Ensures an Expert planning process**

Who's using it?

- **Over 1509 Registered Users**
  - **Integrated Logistics Support Managers**
  - **Project/Program/Product Managers**
  - **Integrated Product Team Members**
  - **Matrix Support Managers**
  - **Support Contractors**
  - **Etc.**

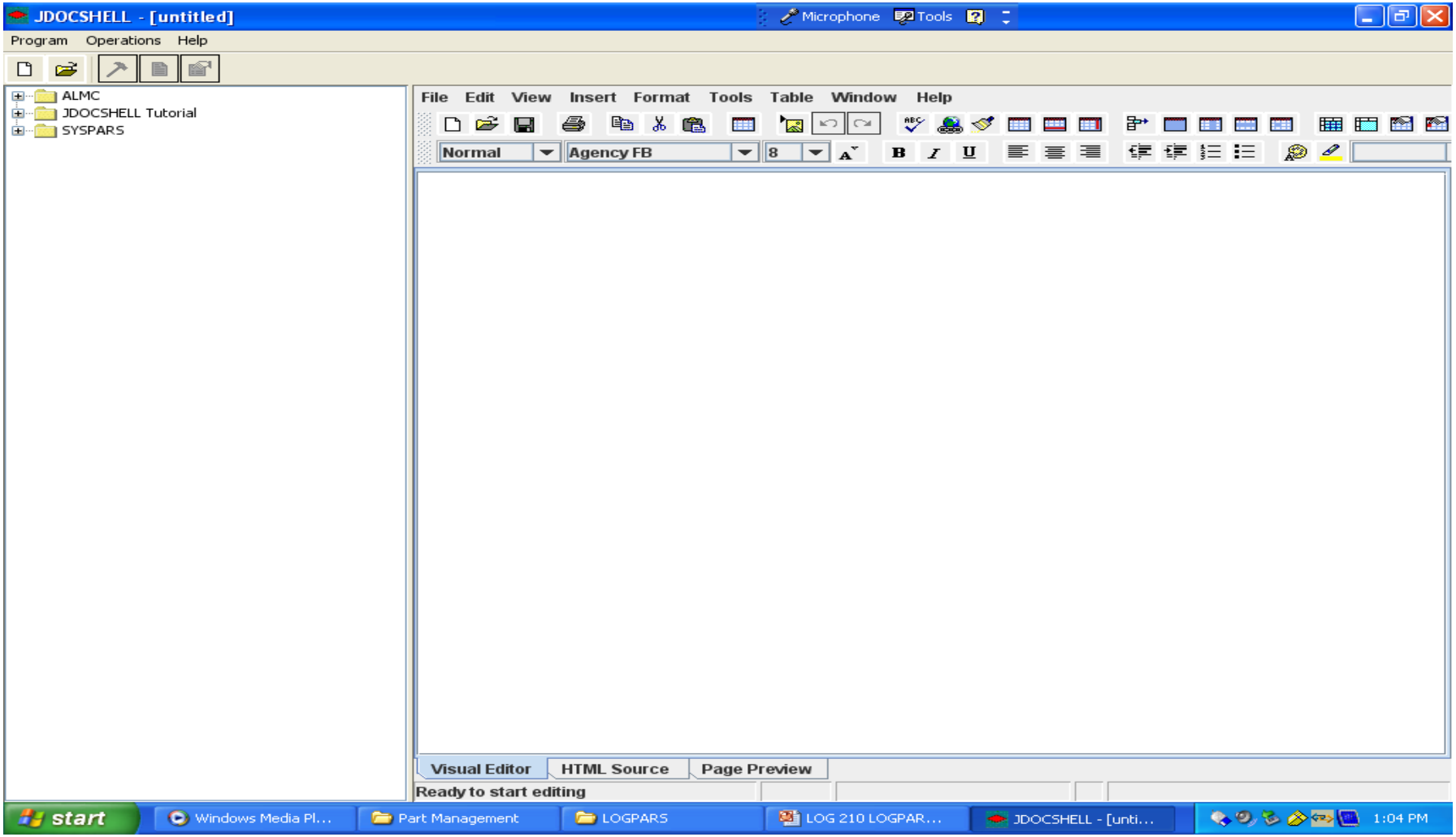
Current Adaptations

- SYSPARS – Army (Over 600) Navy (320), Air Force (144), Marine Corps (73), Contractors (655)
- Non Supported Versions- Navy, Air Force, Marine Corps
- Integrated Logistics Assessment Tool - Navy
- Supportability Engineering Planning Tool - NASA
- Through Life Support Planning System - Australian Defense Force
- Environmental Impact of Water Projects - Department of Agriculture

SYSPARS Benefits

- Reduced time to prepare plans
- High quality planning decisions and documents
- Tailored for individual program strategies
- Supports electronic staffing and review
- Training tool (DAU and on-the-job)
- Minimizes costly requirements omission/duplication
- Easy to expand, enhance, & update the Knowledge Base

SYSPARS SCREENS



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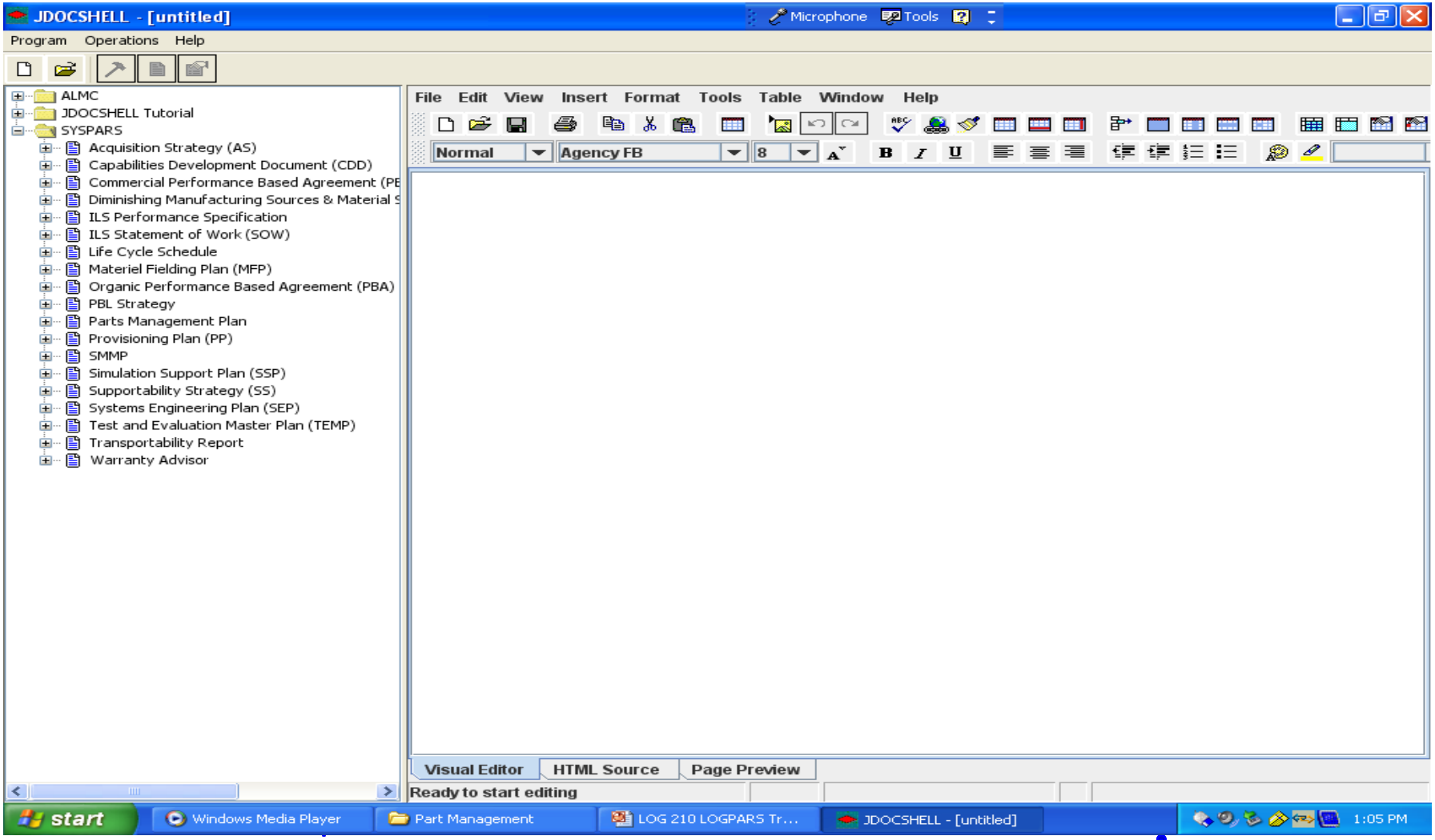
SYSPARS SCREEN



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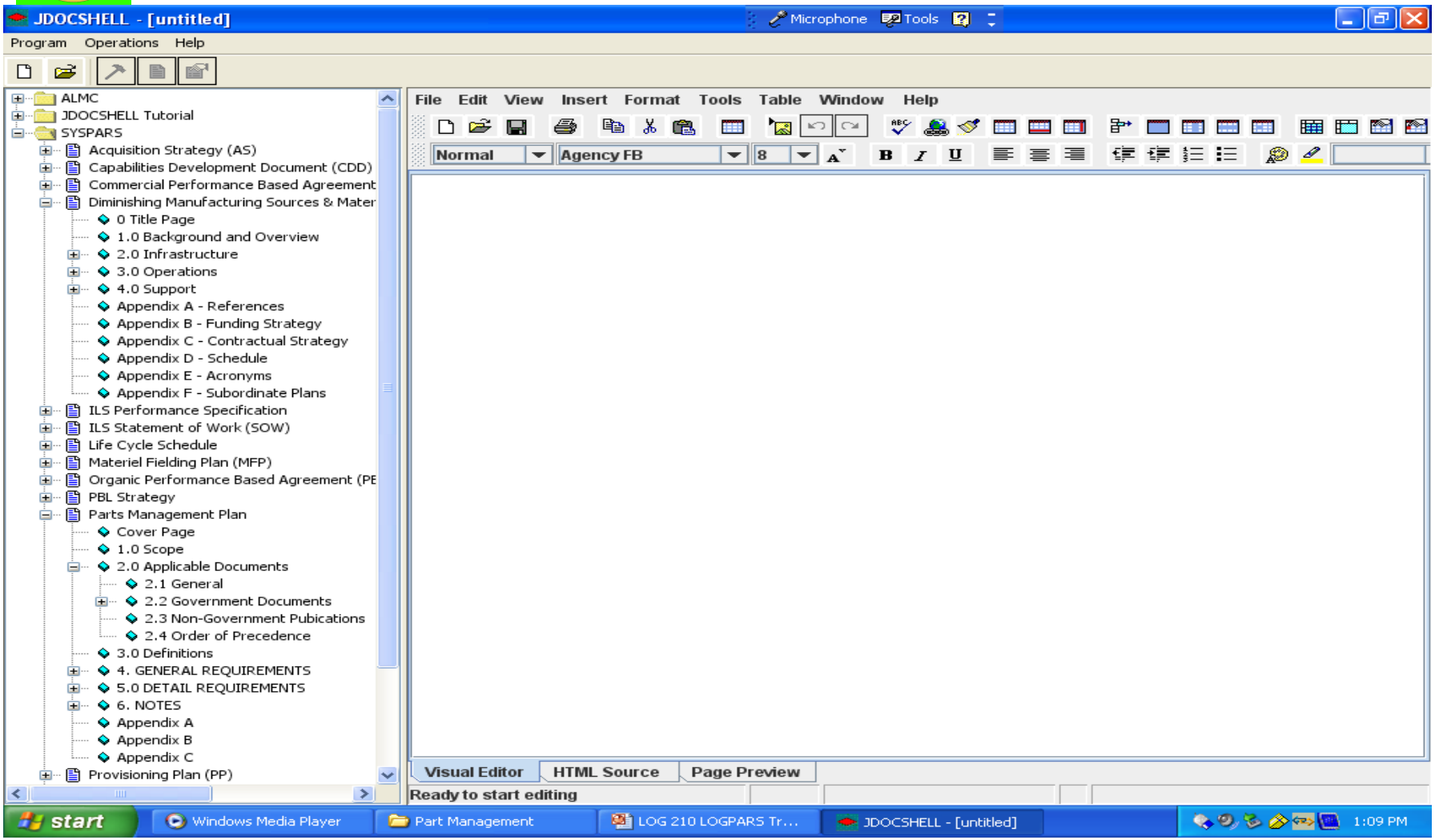
SYSPARS SCREEN



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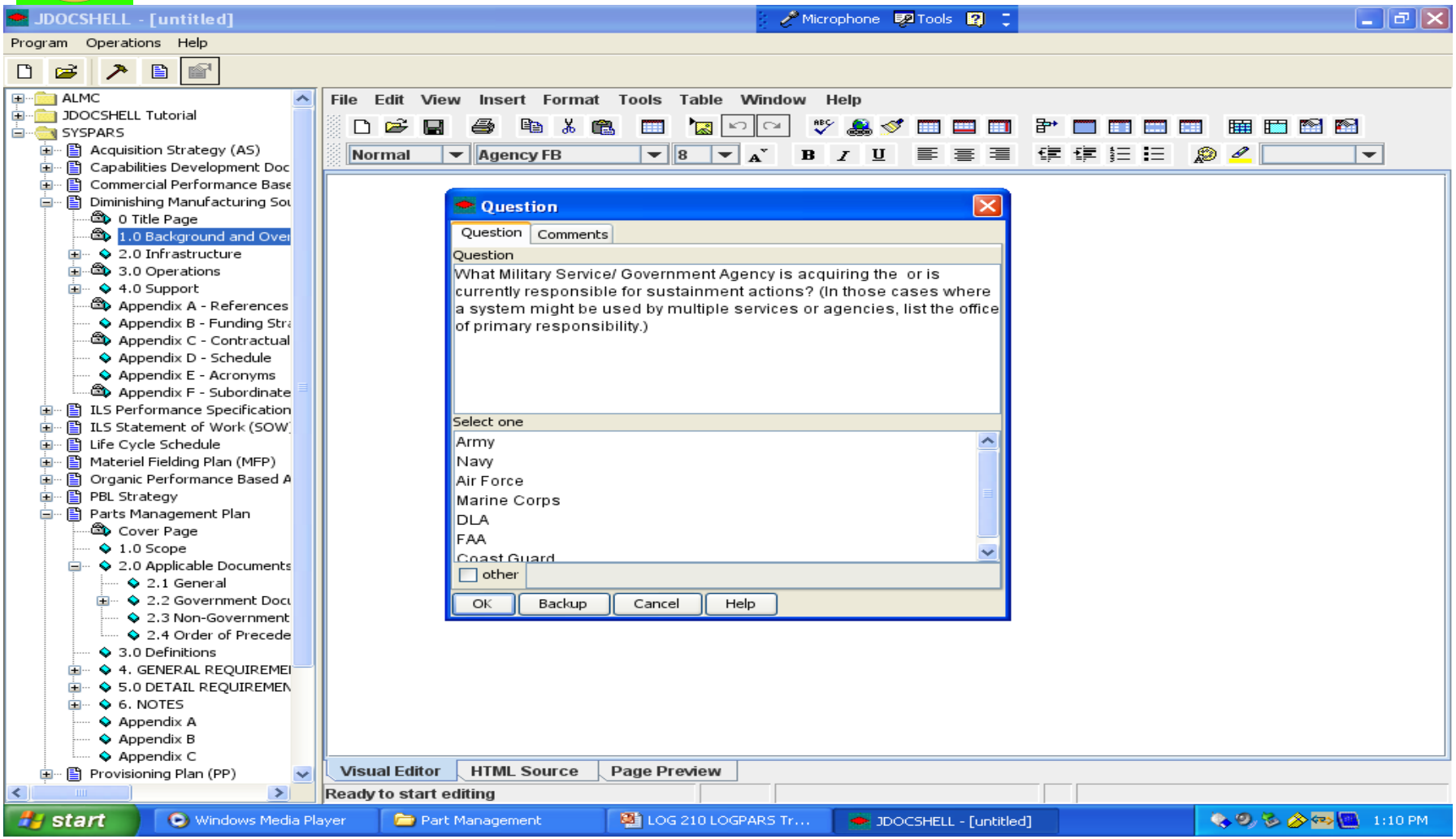
SYSPARS SCREEN



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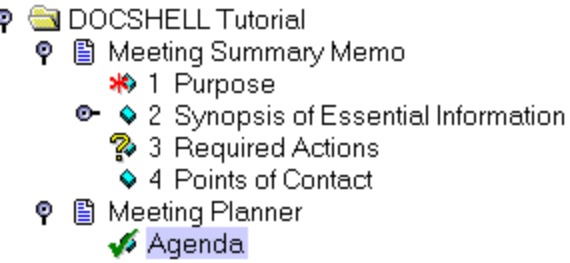


There are five outline section status symbols. Three of them are visible in the above mage. All of the section status symbols are described below:

- ✓ **Complete** - Indicates that the section has been constructed and all information required for that section has been input. (e.g. *Agenda* above)
- * **Modified** - Indicates that the section has been impacted or "modified" based on input to another section or document. This is a direct result of the "expert system" preventing inconsistencies in the generated documents. (e.g. *1 Purpose* above) Modified sections should be re-constructed to produce a completed section.
- ? **Partial** - Indicates that the section is partially complete. In other words, some information required in the section is incomplete. This section status results from not answering questions (leaving them blank) while constructing a document section. (i.e. *3 Required Actions* above)
- **Comment** - Indicates that the section has a comment associated with it. Comments are entered by clicking on the section and choosing **View Comment** from the **Operations** menu.
- **Locked** - Indicates that the section is currently locked by another user. Sections are locked as a result of section construction, and are unlocked again when construction is completed.

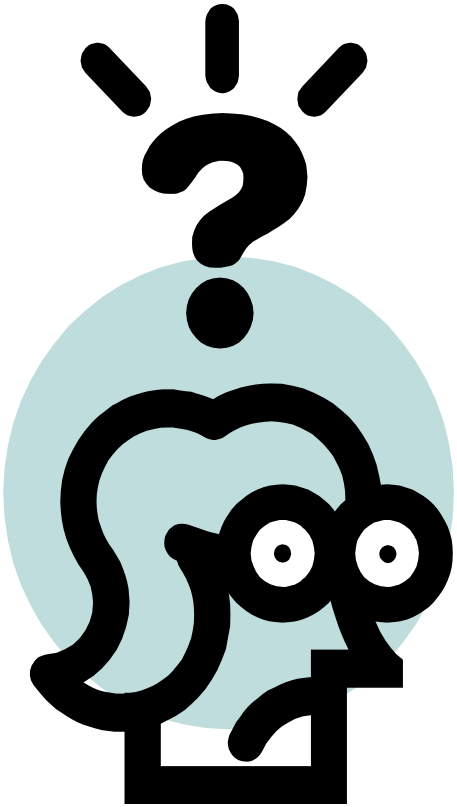
The Roadmap (Parts Management Plan)

- **History**
  - **Research and Development – (Jan - April 2007)**
  - **Sent to Working Group – (April 2007)**
  - **Battle Creek/ overview session – (July 2007)**
  - **Parts Standardization & Management Committee (April 2008)**

The Roadmap (Parts Management Plan)

- **Milestones**
  - **Alfa Test -- April 07**
  - **Alfa Test Comments Due – none**
  - **Beta Test -- ?**
  - **Beta Test End – ?**
  - **Release Software – Oct 2008???**

Questions ? Maybe Answers . . .



https://www.logsa.army.mil/lec/site-moved.cfm

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SYSPARS/JDOCSHELL

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